



# National Weather Service

## Storm Data and Unusual Weather Phenomena



May 1998

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
<b><u>INDIANA, South Central</u></b>									
Dubois County 4 E Jasper	02	1835EST			0	0			Hail(0.75)
		Dispatch reported dime size hail.							
Orange County Orangeville	19	2250EST			0	0			Hail(0.75)
		Dime size hail reported by spotter.							
Washington County Campbellsburg	19	2250EST			0	0			Thunderstorm Wind (50)
Orange County Paoli	19	2255EST			0	0			Thunderstorm Wind (50)
		Dispatch reported several trees down some across roads.							
Orange County Orangeville	19	2250EST			0	0			Hail(0.75)
		Spotter reported dime size hail.							
Dubois County Jasper	20	1420EST			0	0			Thunderstorm Wind (50)
Dubois County Birdseye	20	1430EST			0	0			Thunderstorm Wind (50)
Perry County Tell City	20	1450EST			0	0	2K		Thunderstorm Wind (60)
Crawford County Marengo	20	1535EST			0	0			Thunderstorm Wind (50)
Harrison County Corydon	20	1540EST			0	0			Thunderstorm Wind (50)
		Trees and power lines down as reported by area DES, dispatch and spotters. A roof off one house in Tell City was damaged							
Washington County Little York	31	1520EST 1525EST			0	0			Thunderstorm Wind (100)
Scott County Austin	31	1525EST 1530EST			0	0			Hail(1.75)
Scott County Austin	31	1530EST			0	0	20K		Thunderstorm Wind (60)
Jefferson County Madison	31	1550EST			0	0			Thunderstorm Wind (50)
Orange County Paoli	31	1653EST			0	0			Hail(1.00)
Harrison County Corydon	31	1710EST			0	0			Thunderstorm Wind (50)
Dubois County Jasper	31	1745EST 1750EST			0	0			Hail(1.75)
Dubois County Jasper	31	1745EST			0	0			Thunderstorm Wind (50)
		A supercell thunderstorm moved across south central Indiana producing wind damage and large hail as reported by DES, spotters and the public. The National Weather Service survey team noted microburst damage to a home in Austin. Otherwise, trees were reported down scattered across these counties. Additional development took place later across the western part of Louisville's south central Indiana CWA in the early evening							



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<b><u>KENTUCKY, Central</u></b>								
<b>Jefferson County</b>								
Louisville	02	2020EST			0	0		Thunderstorm Wind (50)
								DES reported trees and power lines down.
<b>Mercer County</b>								
Salvisa to 2 E Salvisa	13	1300EST 1304EST	2	20	0	0	5K	Tornado (F0)
								DES reported a weak F0 tornado cut a narrow path of 2 miles along Gilbert's Creek damaging 2 storage buildings but 125 trees were uprooted. Resulting debris blocked off most of Oregon Road from US 127 to the Kentucky River where the tornado lifted.
<b>Clark County</b>								
Winchester	13	2100EST			0	0	5K	Lightning
								An old opera house in the downtown area caught fire as lightning struck it. The roof and ceiling of the top floor were heavily damaged.
<b>Harrison County</b>								
Cynthiana	19	2040EST			0	0		Hail(1.75)
<b>Jefferson County</b>								
Louisville	19	2343EST			0	0		Hail(1.75)
								Golfball size hail reported by the media.
<b>Bourbon County</b>								
Little Rock	19	2100EST			0	0		Thunderstorm Wind (50)
<b>Clark County</b>								
Winchester	19	2125EST			0	0		Thunderstorm Wind (50)
<b>Jefferson County</b>								
Louisville	19	2353EST			0	0		Thunderstorm Wind (50)
<b>Oldham County</b>								
Pewee Vly	19	2355EST			0	0		Thunderstorm Wind (50)
<b>Shelby County</b>								
Shelbyville	20	0010EST			0	0		Thunderstorm Wind (50)
<b>Spencer County</b>								
Taylorsville	20	0010EST			0	0		Thunderstorm Wind (50)
								DES reported several trees down across each of these counties.
<b>Hancock County</b>								
Lewisport	20	1445EST 1450EST			0	0		Hail(1.75)
<b>Hancock County</b>								
Lewisport	20	1445EST			0	0		Thunderstorm Wind (50)
<b>Meade County</b>								
Payneville	20	1520EST			0	0		Thunderstorm Wind (50)
<b>Hardin County</b>								
Vine Grove	20	1535EST			0	0		Thunderstorm Wind (50)
<b>Bullitt County</b>								
Shepherdsville	20	1550EST			0	0		Thunderstorm Wind (50)
<b>Jefferson County</b>								
Valley Station	20	1550EST			0	0		Thunderstorm Wind (50)
<b>Larue County</b>								
Buffalo	20	1605EST			0	0	10K	Thunderstorm Wind (60)
<b>Nelson County</b>								
Bardstown	20	1610EST			0	0		Thunderstorm Wind (50)



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### KENTUCKY, Central

Spencer County									
Waterford	20	1610EST			0	0			Thunderstorm Wind (50)
Washington County									
Springfield	20	1620EST			0	0			Thunderstorm Wind (50)
Green County									
5 NW Greensburg	20	1625EST			0	0			Thunderstorm Wind (50)
Marion County									
Lebanon	20	1625EST			0	0			Thunderstorm Wind (50)
Taylor County									
Campbellsville	20	1630EST			0	0			Thunderstorm Wind (50)
Boyle County									
Danville	20	1645EST			0	0			Thunderstorm Wind (50)
Mercer County									
Harrodsburg	20	1645EST			0	0			Thunderstorm Wind (50)
Mercer County									
Terrapin	20	1645EST			0	0	5K		Thunderstorm Wind (50)
Garrard County									
Bryantsville	20	1650EST			0	0			Thunderstorm Wind (50)
Jessamine County									
Nicholasville	20	1650EST			0	0			Thunderstorm Wind (50)
Casey County									
8 N Liberty	20	1655EST			0	0			Thunderstorm Wind (50)
Lincoln County									
Stanford	20	1705EST			0	0			Thunderstorm Wind (50)
Fayette County									
Lexington	20	1730EST			0	0			Thunderstorm Wind (50)
Madison County									
Richmond	20	1735EST			0	0			Thunderstorm Wind (50)

A large thunderstorm complex moved southeast across south central Indiana into north central and then south central and east central Kentucky producing widespread power outages with numerous trees down across each of the counties affected as reported by DES, dispatch and spotters. A few spots also had roof and barn damage attributing to light property damages in a few of the counties. Hail was not common, however Lewisport in Hancock received golfball size hail in the early stages of the activity.

Bullitt County									
Mt Washington	20	2230EST 2235EST			0	0			Hail(1.00)
Quarter size hail reported by National Weather Service employee.									
Simpson County									
Franklin	21	1905EST			0	0			Thunderstorm Wind (50)
Trees and power lines down near the apex of a bow echo.									
Jefferson County									
Louisville	23	0300EST			0	0			Thunderstorm Wind (50)
Several trees down in the vicinity of River Road. One large tree fell across the road blocking traffic.									
Clark County									
Winchester	23	0430EST			0	0	2K		Lightning
Lightning struck a tree which then fell on a house damaging the roof.									



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					Killed	Injured	Property Crops	
<b><u>KENTUCKY, Central</u></b>								
<b>Breckinridge County</b>								
Hardinsburg	24	0007EST			0	0	2K	Thunderstorm Wind (50)
<b>Nelson County</b>								
Bardstown	24	0045EST			0	0		Thunderstorm Wind (50)
								Dispatch reported trees and power lines down and a storage building destroyed in Hardinsburg.
<b>Madison County</b>								
Kirksville	24	0204EST 0209EST			0	0		Hail(0.75)
<b>Madison County</b>								
2 N Berea	24	0206EST 0211EST			0	0		Hail(0.75)
								Separate spotters reported dime size hail.
<b>Warren County</b>								
2 NW Bowling Green	25	0852EST 0857EST			0	0		Hail(1.75)
<b>Simpson County</b>								
Franklin	25	0924EST 0929EST			0	0		Hail(1.00)
<b>Allen County</b>								
5 SE Scottsville	25	0956EST 1001EST			0	0		Hail(1.75)
								Quarter to golfball size hail reported by spotters and dispatch.
<b>Barren County</b>								
Cave City	25	0942EST 0952EST			0	0		Thunderstorm Wind (50)
<b>Hart County</b>								
Horse Cave	25	0953EST			0	0		Thunderstorm Wind (50)
<b>Green County</b>								
Greensburg	25	0954EST 1000EST			0	0	20K	Thunderstorm Wind (50)
<b>Hart County</b>								
Munfordville	25	0954EST			0	0		Thunderstorm Wind (50)
<b>Taylor County</b>								
Campbellsville	25	1012EST			0	0		Thunderstorm Wind (50)
<b>Taylor County</b>								
Yuma	25	1013EST			0	0	10K	Thunderstorm Wind (50)
<b>Taylor County</b>								
6 S Campbellsville	25	1025EST			0	1	10K	Thunderstorm Wind (50)
<b>Casey County</b>								
Liberty	25	1036EST			0	0		Thunderstorm Wind (50)
<b>Russell County</b>								
Eli	25	1049EST			0	0		Thunderstorm Wind (50)
								Dispatch reported trees and power lines down. Trees were down across homes in Greensburg, Yuma and 6 miles south of Campbellsville. 1 person was injured when a large tree fell on their home 6 miles south of Campbellsville
<b>Adair County</b>								
Christine	25	1900EST 1905EST			0	0		Hail(0.75)
								Dime size hail reported by dispatch.
<b>Allen County</b>								
Petroleum	25	1950EST			0	0		Thunderstorm Wind (50)
								Dispatch reported several trees down.



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					Killed	Injured	Property	Crops	
<u>KENTUCKY, Central</u>									
Trimble County Milton	31	1555EST			0	0			Thunderstorm Wind (52)
Trimble County Milton	31	1600EST 1605EST			0	0			Hail(0.75)
Henry County Franklinton	31	1650EST			0	0	20K		Thunderstorm Wind (60)
Trimble County Milton	31	1555EST			0	0			Thunderstorm Wind (52)
Trimble County Milton	31	1600EST 1605EST			0	0			Hail(0.75)
Henry County Franklinton	31	1640EST			0	0	20K		Thunderstorm Wind (60)
Henry County Lockport	31	1700EST 1705EST			0	0			Hail(0.75)
Oldham County Goshen	31	1700EST			0	0	100K		Thunderstorm Wind (60)
Breckinridge County Hardinsburg	31	1705EST			0	0			Thunderstorm Wind (50)
Jefferson County Louisville	31	1715EST			0	0			Thunderstorm Wind (50)
Bullitt County Stites	31	1720EST			0	0			Thunderstorm Wind (52)
Meade County Flaherty	31	1730EST			0	0			Thunderstorm Wind (50)
Oldham County Goshen	31	1745EST			0	0			Thunderstorm Wind (50)
Nelson County Boston	31	1750EST			0	0	5K		Thunderstorm Wind (60)
Nelson County Bardstown	31	1755EST			0	0			Thunderstorm Wind (52)
Hardin County Elizabeth Town	31	1800EST 1805EST			0	0			Thunderstorm Wind (50)
Larue County Hodgenville	31	1813EST			0	0			Thunderstorm Wind (52)
Washington County 1 W Springfield	31	1820EST			0	0			Thunderstorm Wind (52)
Hardin County Elizabeth Town	31	1830EST 1930EST			0	0			Flash Flood
Larue County 2 E Hodgenville	31	1840EST			0	0			Thunderstorm Wind (50)
Marion County Lebanon	31	1840EST			0	0			Thunderstorm Wind (50)
Clark County Winchester	31	1855EST			0	0	10K		Thunderstorm Wind (50)



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					Killed	Injured	Property	Crops	
<u>KENTUCKY, Central</u>									
Taylor County Campbellsville	31	1859EST			0	0			Thunderstorm Wind (52)
Taylor County Campbellsville	31	1859EST 1904EST			0	0			Thunderstorm Wind (50)
Marion County Lebanon	31	1900EST			0	0			Thunderstorm Wind (50)
Casey County Liberty	31	1920EST			0	0			Thunderstorm Wind (50)
Taylor County Campbellsville	31	1920EST			0	0	100K		Thunderstorm Wind (60)
Lincoln County Mc Kinney	31	1945EST			0	0			Thunderstorm Wind (50)
Russell County Jamestown	31	1948EST			0	0			Thunderstorm Wind (50)
Hardin County White Mills	31	2012EST			0	0			Thunderstorm Wind (50)
Marion County Jessietown	31	2015EST 2115EST			0	0			Flash Flood
Marion County Raywick	31	2015EST			0	0			Thunderstorm Wind (50)
Taylor County Finley	31	2015EST			0	0			Hail(1.75)
Marion County New Market	31	2020EST 2120EST			0	0			Flash Flood
Marion County Riley	31	2020EST			0	0			Thunderstorm Wind (50)
Larue County Hodgenville	31	2025EST			0	0			Thunderstorm Wind (50)
Adair County Pellyton to 1 SE Pellyton	31	2035EST 2037EST	1	100	0	0	300K		Tornado (F2)
Hart County Munfordville	31	2040EST 2045EST			0	0			Thunderstorm Wind (50)
Hart County Pike View	31	2042EST			0	0			Hail(0.75)
Green County Hudgins	31	2100EST			0	0			Thunderstorm Wind (50)
Marion County Calvary	31	2130EST 2230EST			0	0			Flash Flood
Logan County Russellville	31	2200EST			0	0			Thunderstorm Wind (50)
Simpson County Franklin	31	2210EST			0	0			Thunderstorm Wind (50)
Adair County Columbia	31	2230EST 2330EST			0	0			Flash Flood



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		Local/ Standard	Length (Miles)	Width (Yards)	Killed	Injured	Property	Crops	

### KENTUCKY, Central

#### Adair County

##### Gradyville

31

2230EST  
2330EST

0

0

Flash Flood

#### Russell County

##### Jamestown

31

2230EST  
2330EST

0

0

Flash Flood

Numerous thunderstorms developed near and north of the Ohio River by late afternoon and dropped south and east across central Kentucky producing widespread severe weather. A brief F2 tornado touched down at Pellyton producing heavy damage to a brick house and destroying several mobile homes. Meanwhile, Marion, Taylor, Russell and Adair counties had widespread flash flooding with numerous roads under water, a few bridges washed out and cars washed away and water entering many homes and businesses. Five families in Calvary in Marion county were forced from their homes due to the high waters. Otherwise, severe thunderstorm winds knocked down numerous trees and power lines across the area and hail to the size of golf balls was reported at several locations. Taylor, Nelson, Henry, Oldham and Clark counties all had some property damage due to thunderstorm winds with barns destroyed, trees falling on cars and mobile home damage. Reports were from DES, spotters and the public.